

### **PATENT**

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)
Hildegard Römer et al.	) Group: 1731 —
Serial No. 10/049,936	)
Filed: April 29, 2002	) Examiner:
Title: SKULL POT FOR MELTING OR	)
REFINING GLASS OR GLASS CERAMICS	Ś

## **INFORMATION DISCLOSURE STATEMENT**

Mail Stop – IDS (Art Unit 1731) Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant wishes to bring to the attention of the Examiner the documents identified on the attached form PTO-1449. Applicant respectfully requests that these documents be made of record in the present application.

## **REMARKS**

All published articles, French Patent No. 2 768 257 and Russian Patent No. 2132097 were cited in an International Search Report dated November 7, 2000 in PCT/EP00/07986.

German Patent No. 33 16 546 and U.S. Patent No. 4,049,384 were cited in an Office Action in German Application No. 199 39 780.5.

European Patent No. 0 528 025 is cited on page 1 of the specification.

U.S. Patent No. 6,058,741 is the English language equivalent of French Patent No. 2 768 257. U.S. Patent No. 5,367,532 is the English language equivalent of European Patent No. 0 528 025. U.S. Patent No. 4,687,646 is the English language equivalent of German Patent No. 33 16 546.

## **PATENT**

If any fees are necessary in connection with this document, or insufficient fees are sent herewith, please charge Deposit Account No. 02-0385, Baker & Daniels.

Respectfully submitted,

John Hoffman Registration No. 26,280

Attorney for Applicant

JFH/pmp

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Enc.

Form PTO-1449 Cited References **CERTIFICATION OF MAILING** 

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July 8, 2003

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# TION DISCLOSURE CITATION

several sheets if necessary)

**WEI0040** 10/049,936 Applicant(s) Hildegard Romer et al. Filing Date **Group Art Unit** April 29, 2002 1731

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U.S.	<b>PATENT</b>	DOCUMENTS
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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,049,384	09/1977	Wenckus et al.	23	273 SP	
		4,687,646	08/1987	Mateika et al.	422	248	
		5,367,532	11/1994	Boen et al.	373	156	
		6,058,741	05/2000	Sobolev et al.	65	335	
				FOREIGN PATENT DOCUMENTS			
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation

REF	DOCUMENT NUMBER	DATE	COUNTRY	67.400		Translation	
 KEF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	2132097	06/1999	RU (*)			<b>y</b>	
	2 768 257	03/1999	FR			<b>y</b>	
	0 528 025	06/1996	EP			>	
	33 16 546	04/1984	DE			<b>J</b>	
			(*)=Eng. abstract only				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Lifanov F.A. et al., "A Crucible-Type Induction Furnace for Melting Glass", Glass and Ceramics, US, Counsultants Bureau, New York, vol. 48, no. 7, July 1991, pp. 288-290

Kushnikov V.V. et al., "Induction Melting in a Cold Crucible for Immobilization of Plutonium-Containing Wastes", Atomic Energy, U.S. Consultants Bureau, New York, vol. 83, no. 5, November 1997, pp. 801-806

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-A820 (also form PTO-1449) P09A/REV04

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

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April 29, 2002 Group Art Unit April 29, 2002 Group Art Unit 1731  April 29, 2002 Group Art Unit 1731  Petrov, Yu. B et al., "Continuous Casting Class Melting in a Cold Crucible Induction Furnace", XV. Int. Congress on Cla 1989 Proceedings, vol. 3a, July 1989, pp. 72-77  Moulin, J. et al., "Nouveaux Developpements date in fusion electrique des verres refractaires", Verres et Refractaires, Ar Originaux, vol. 26, no. 4-5, July 1972, pp. 123-127  Copy of International Search Report dated November 7, 2000 in PCT/EP00/07986  Copy of Office Action in corresponding German Application No. 199 39 780.5 and English translation of same  Copy of Office Action in corresponding German Application No. 199 39 780.5 and English translation of same	INFOR	ASTION DISCLOSURE CITATION (See several sheets if necessary)		
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Moulin, J. et al., "Nouveaux Developpements dans in fusion electrique des verres refractaires", Verres et Refractaires, Ar Originaux, vol. 26, no. 4-5, July 1972, pp. 123-127  Copy of International Search Report dated November 7, 2000 in PCT/EP00/07986  Copy of Office Action in corresponding German Application No. 199 39 780.5 and English translation of same	MAD	Petrov, Yu. B et al., "Continuous Casting Glass 1989 Proceedings, vol. 3a, July 1989, pp. 72-77	Melting in a Cold Crucible Induction	Furnace", XV. Int. Congress on Glass,
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